



LUCAS OIL PRODUCTS, INC. PRODUCT DATA SHEET

NAUTICAL HYDRAULIC FLUID ISO 15

Many marine hydraulic steering systems adopted an aviation standard for their hydraulic fluid (MIL-H-5606G), which since 1996 is considered inactive for new equipment design. It does live on in the marine market, however. **Lucas Nautical Hydraulic Oil** has an ISO viscosity grade of 15 (15 cSt @40° C), formulated exclusively from synthetic base stocks containing anti-wear and corrosion inhibitors. It will satisfy all the relevant requirements of MIL-H-5606G, providing excellent performance throughout all weather conditions. It does not contain conventional viscosity modifiers; therefore, it will not permanently shear-thin and can be expected to deliver long life performance in marine steering systems. Being so low in viscosity, it provides a very light feel to steering, without hesitation or noise. **Lucas Nautical Hydraulic Fluid** is also suitable for other marine applications, such as in emergency hydraulic starting systems (hand pump with accumulator) employed in some diesel-powered boats.

PART NUMBER AND SIZE:

10136 – 5 Gallon Pail
10057 – 55 Gallon Drum
10241 – 330 Gallon Tote

FEATURES AND BENEFITS:

- Premium Anti-Wear Protection
- Corrosion Protection
- Resists Oxidation
- Synthetic Base Oil
- Low Viscosity Provides for a Light Feel in Steering

MAIN APPLICATIONS:

Marine steering systems or wherever a premium low-viscosity hydraulic oil is required.



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TYPICAL PHYSICAL CHARACTERISTICS:

PROPERTIES	ASTM	TYPICAL
API Gravity	D-1298	38.6
Specific Gravity @ 60°F	D-1298	0.831
Density @ 60°F, Lbs/US Gal	D-1298	6.92
Viscosity @ 40°C cSt	D-445	15.4
Viscosity @ 100°C cSt	D-445	3.84
Viscosity Index	D-2270	148
Color	Visual	Light Blue
Flash Point (PMCC), °F	D-93	400 typ., 338 min

These characteristics are typical of current production. However, slight variations in these characteristics may occur.

HEALTH, SAFETY AND ENVIRONMENT:

Being a low-viscosity hydrocarbon-based fluid, ingestion may result in aspiration into the lungs, resulting in chemical pneumonia, consequently: May be fatal if swallowed and enters airway. Keep Away from Children.

Health and Safety information is available on the appropriate Safety Data Sheet, which can be obtained from LucasOil.com

LINKS AND ADDITIONAL INFORMATION:

SDS: [Click Here](#)

Product Image: N/A

Product Label: N/A

MPD: [Click Here](#)